

Converting Colors

Hex(42D09C)

Have a look what the booklet for
Hex(42D09C) contains.

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Color

Hex(42D09C)

Conversions

Conversions Part 1

Format	Color
Hex	42D09C
RGB	66, 208, 156
RGB Percent	26%, 82%, 61%
CMY	0.7412, 0.1843, 0.3882
CMYK	0.68, 0.00, 0.25, 0.18
HSL	158°, 60%, 54%
HSV	158°, 68%, 82%
XYZ	30.8034, 48.6703, 39.2233
YIQ	159.6140, -67.9400, -46.2760

Conversions

Conversions Part 2

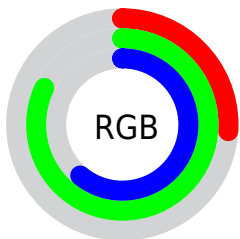
Format	Color
RYB	66, 153, 208
Decimal	4378780
CIELab	75.25, -49.86, 15.01
CIELCh	75, 52.068, 163.241
Yxy	48.6703, 0.2595, 0.4100
Android (android.graphics.Color)	4282568860 (0xFF42D09C)
YUV	159.6140, -1.7817, -82.0995
Hunter-Lab	69.7641, -43.2729, 15.5004

Details

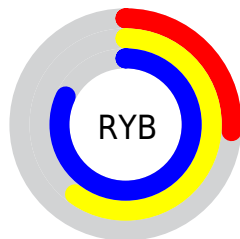
The Hex color **42D09C** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D04276**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **82FFD3**, and **009969** is the 20% darker color. If you saturate the color by 10%, you get **2DD094**, and if you desaturate by 10%, it is **57D0A4**.

Distribution



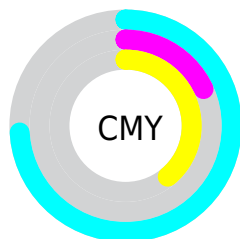
- Red (26%)
- Green (82%)
- Blue (61%)



- Red (26%)
- Yellow (60%)
- Blue (82%)



- Cyan (68%)
- Magenta (0%)
- Yellow (25%)
- Black (18%)



- Cyan (74%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42D09C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 42D09C by changing the saturation by 10% instead.

 42D09C

 42D09C

FFFFFF

 13B482


 82FFD3

 009969

 A0FFEF

 007E50

 BEFFFF

 006439

 DCFFFF

 004B23

 FBFFFF

 00330E

 001B00

 000000

 42D09C

 42D09C

 2DD094

 57D0A4

 18D08D

 6CD0AB

 04D085

 80D0B3

 00D084

 95D0BA

 AAD0C2

 BFD0CA

 D4D0D1

 E8D0D9

 FDD0E1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8CC971



42D09C



00D2CE

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42D09C



90B7FF



FF9C7A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



42D09C



D04276

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF92A6



42D09C



D9A4FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42D09C



00C6FF



FF95D6



EDAD5C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42D09C



00D0EC



FF95D6



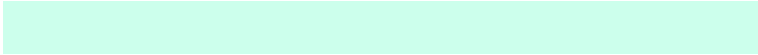
FF9787

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



42D09C



CCFFEC



76D042



618074



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42D09C



2EFFB2



42BDD0



5E6965



00A86B



00291A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D04276



FF2E7A



D05542



695E62



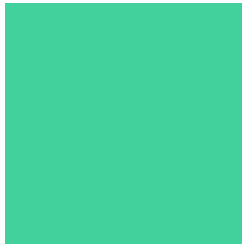
A8003E



29000F

Previews

White Background



This preview shows how the Hex color 42D09C looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 42D09C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

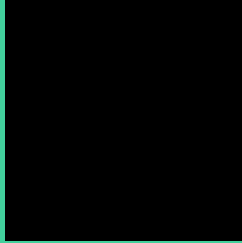
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 42D09C Background



This preview shows how black text looks on a background with the Hex color 42D09C.

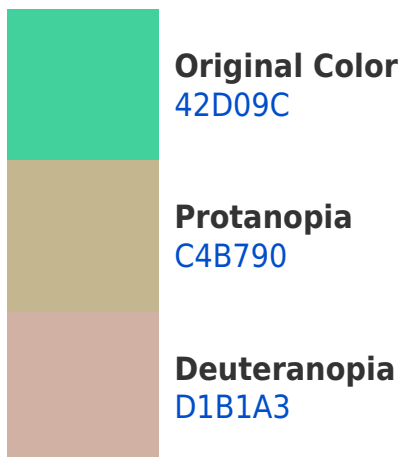


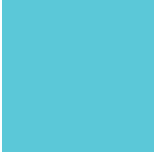
This preview shows how white text looks on a background with the Hex color 42D09C.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

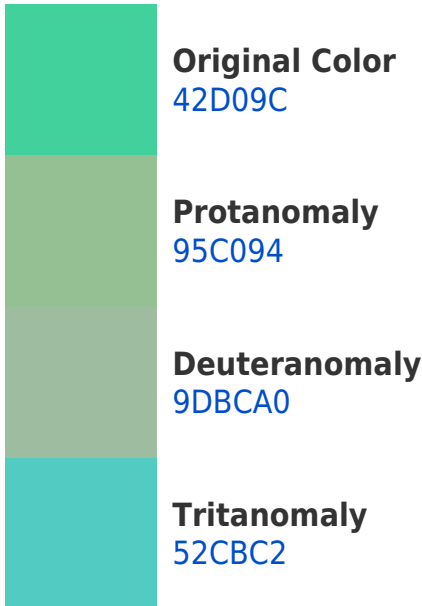
Dichromacy



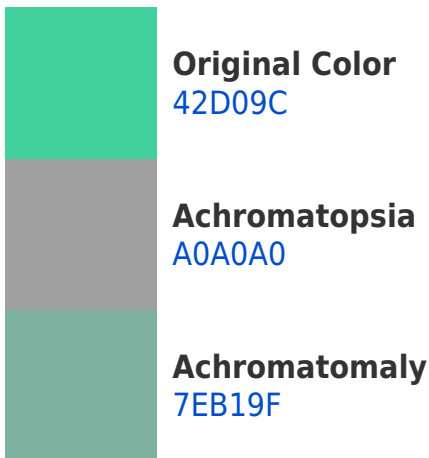


Tritanopia
5BC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42D09C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #42D09C looks like.

```
.text, #text, p{  
    color:#42D09C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #42D09C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42D09C
}
```

Border

The CSS property to change the border of an element to Hex 42D09C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42D09C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#42D09C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #42D09C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42D09C; -webkit-box-shadow:4px 4px  
4px 4px #42D09C; box-shadow:4px 4px 4px  
4px #42D09C }
```

Background

The CSS property to change the background color of an element to Hex 42D09C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42D09C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#42D09C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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